

Dr Deepa Sharma
Senior Scientist

Specialization: Vegetable Breeding and production
Contact: +91 1972 262901 (O)
Cell: 9418824017
E.mail:deepabanyal@gmail.com



Ongoing Research Projects

- Survey, ex-situ selection, introduction and on farm demonstration of wild, underutilized fruits and vegetables for crop diversification under changing climate in Himachal Pradesh funded by Department of Environment, Science & Technology, Shimla, Himachal Pradesh (DEST) for ₹ 9.89 lakh from 2022 to 2024 (Co-PI).
- Promotion of climate resilient horticultural and forestry technologies in Eco Village Baleta Kalan of Distt. Hamirpur funded by Department of Environment, Science & Technology, Shimla, Himachal Pradesh (DEST) for ₹ 9.77 lakh from 2023 to 2028 (Co-PI).

Best 10 Research Papers

- Sharma D and Chauhan A. 2021. Effect of growth regulators on growth, yield and storage life of kharif onion. *Indian Journal of Agronomy*. **66**(4): 483-487 (NAAS rating: 5.55)
- Sharma D and Dogra BS. 2017. Evaluation of Kharif onion varieties and transplanting time for production under North-Western mid Himalayan region. *Indian Journal of Horticulture* **74**(3) 405-409 (NAAS rating: 6.11)
- Sharma D, Duttal and Choudhary P. 2022. Growth, yield and quality of cauliflower (*Brassica oleracea* var *botrytis*) as affected by integrated nutrient management under low hill region of Himachal Pradesh. *Biological Forum- An International Journal*. **14** (1) 508-512 (NAAS rating: 5.11)
- Sharma D, Madhvi, Chauhan, A and Jarial, K. 2022. Effect of integrated nutrient management on growth, yield and quality of onion (*Allium cepa* L.) *Environment and Ecology* **40**(2A) 613-620 (NAAS rating: 5.25)
- Jarial, K, Jarial RS, Kumari S, Sharma A and Sharma D. 2021. Impact of weather parameters on the development of bacterial leaf spot in bottle gourd and pumpkin. *Indian Phytopathology* <https://doi.org/10.1007/s42360-021-00433-0> (NAAS rating: 5.95)

- Sharma D and Sharma, HR. 2013. Production and evaluation of tomato hybrids using diallel genetic design. *Indian Journal of Horticulture* **70**(4): 531-537 (NAAS rating: 6.11)
- Sharma D and Sharma HR. 2011. Heterosis for yield and its contributing traits in tomato. *Indian* **68**(4):571-574 (NAAS rating: 6.11)
- Sharma D, Gupta SK and Jarial K. 2011. Studies on the inheritance pattern of bacterial spot (*Xanthomonas vesicatoria*) in tomato. *Indian Phytopathology*.**64** (2):128-130(NAAS rating 5.95)
- Sharma D and Sharma HR. 2010. Combining ability analysis for yield and other horticultural traits in tomato. *Indian Journal of Horticulture* **67**(3): 402-405 (NAAS rating 6.11)
- SharmaD and Thakur MC. 2008. Evaluation of diallel progenies for yield and its contributing traits in tomato. *Indian Journal of Horticulture* **65**(3): 297-301 (NAAS rating 6.11)

Books

- **Sharma D** Chauhan A and Banyal, SK. 2021. Pyaj Utpadan. Sunny Copy House. Hamirpur, HP. p55.**ISBN No.**978-0-691-12021-8
- Banyal SK, Banyal, AK and **Sharma D**. 2021. Uposhanfalpaudhshala – sthapna, pravardhanavmprabhandhan. Pawana Printers, Publishers and Advertizers, Hamirpur, HP, India. p86. **ISBN No.** 978-93-5457-281-4

Awards & Recognitions

- Gold medal recipient during Ph.D. programme
- Highest OGPA, College of Horticulture during M.Sc. programme
- Merit Scholarship during B.Sc., MSc. and Ph.D.
- Certificate of honour at 31st annual function of *Himotkarsh Parishad* during Ph.D. programme
- **Received best paper award for the paper:**
 - **Sharma, Deepa**; Banyal, SK and Chauhan, Aanchal. 2020. Kharif onion production in Chamba district of Himachal Pradesh- a success story.9thNational Seminar - on "**Doubling Farmers Income by 2022: Challenges, Opportunities and Way Forward**" at Career Point University, Bhoranj, Hamirpur w.e.f. 15-17 February, 2020.
- Project Completion Report of the project "Popularization of kharif onion production in Chamba district of Himachal Pradesh" which was handled as PI during 2017 to 2021 was rated as "**VERY GOOD**" in 110th Project Review Committee meeting organized by Department of Science and Technology, New Delhi on 23rd and 24th February, 2022.